



orientation

**MONTANA  
STATE UNIVERSITY**

— BOZEMAN · MONTANA —

# Environmental Sciences and Plant Sciences



# About us:

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# Environmental Science Majors/Options

- Environmental Sciences
  - Environmental Sciences
  - Environmental Biology
  - Geospatial and Environmental Analysis
  - Land Rehabilitation
  - Soil and Water Sciences
- Microbiology
  - Environmental Health



# Plant Science Majors/Options

- Plant Science
  - Crop Science
  - Plant Biology
  - Plant Biotechnology
- Environmental Horticulture
  - Science
  - Landscape Design
- SFBS – Sustainable Crop Prod.



**Which classes should I  
take my first semester?**



# Writing

- If you have AP/Dual Enrollment/Running Start/IB credits, please hold off on taking WRIT in the Fall
- If you are exempt from W Core, you may still need to take a writing course for your major; please check with your advisor

## Level 100

ACT English Language :0-15  
ACT Combined English/Writing: 0-15  
ACT Writing Subject: 3-4  
ACT Writing Subscore: 3-4  
ACT English 0-15  
SAT Writing/Language: 10-18  
Qualtrics Survey : 0-37 pts

WRIT 080

## Level 200

ACT English Language: 16-17  
ACT Combined English/Writing: 16-17  
ACT Writing Subject: 5-6  
ACT Writing Subscore: 5-6  
ACT English: 16-21  
SAT Writing/Language: 19-24  
Qualtrics Survey: 38-73 pts

WRIT 001/WRIT 101W

## Level 300

ACT English Language: 18+  
ACT Combined English/Writing: 18+  
ACT Writing Subject : 7-10  
ACT Writing Subscore: 7-10  
ACT English: 22-27  
SAT Writing/Language: 25-37  
Qualtrics Survey: 74-111 pts

WRIT 101W

## Level 400

ACT Writing Subject: 11+  
ACT Subscore Writing: 11+  
ACT English: 28+  
SAT Reading/Writing: 750+  
SAT Writing/Language: 38+  
SAT Essay Total: 22+  
SAT Essay Writing: 7+  
AP English Lang/Comp: 4  
IB English A: Lang & Lit HL: 3  
HS GPA 3.9 or higher

Exempt from W Core



# US Core

- US core classes are not limited to US 101US
- Other US core classes include CLS 101US – Knowledge and Community, HLD 121US – Leadership Foundations, LS 101ISUS – Interdisciplinary Ways of Knowing, COMX 111US – Public Speaking
  - If you are in the Honors college, you will want to register for HONR 201US – Texts and Critics. You will learn more during Honors College Advising.
- Please remember to only register for W or US core, NOT both for the Fall.

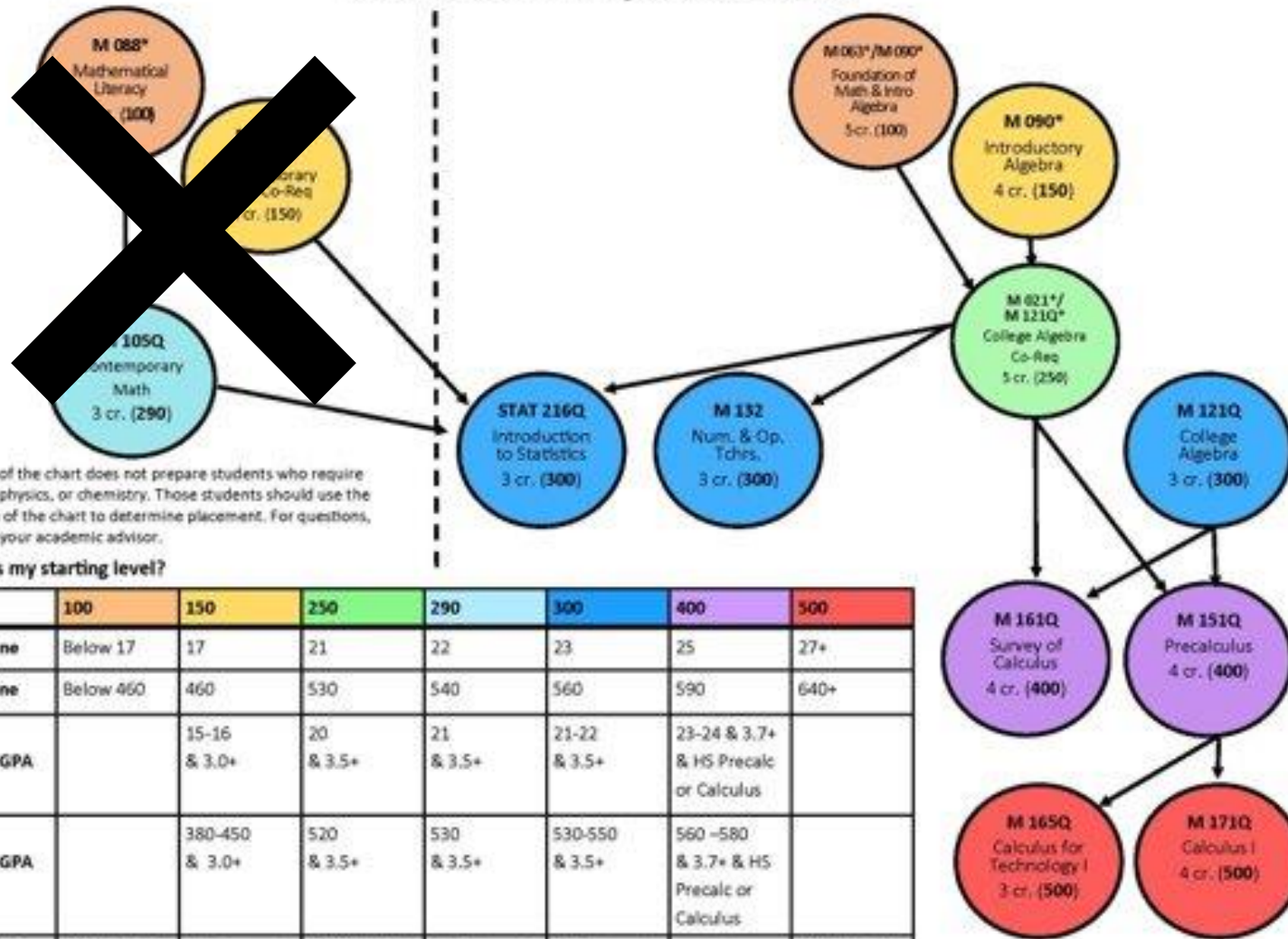


# Math

Art, Humanities, & Some Social Sciences

## Mathematics Prerequisite Flowchart

STEM, Business, Health, & Some Social Sciences



This side of the chart does not prepare students who require calculus, physics, or chemistry. Those students should use the right side of the chart to determine placement. For questions, talk with your academic advisor.

What is my starting level?

	100	150	250	290	300	400	500
<b>ACT alone</b>	Below 17	17	21	22	23	25	27+
<b>SAT alone</b>	Below 460	460	530	540	560	590	640+
<b>ACT and HS GPA</b>		15-16 & 3.0+	20 & 3.5+	21 & 3.5+	21-22 & 3.5+	23-24 & 3.7+ & HS Precalc or Calculus	
<b>SAT and HS GPA</b>		380-450 & 3.0+	520 & 3.5+	530 & 3.5+	530-550 & 3.5+	560-580 & 3.7+ & HS Precalc or Calculus	
<b>MPLEX or EdReady Placement</b>	See Placement Tab in DegreeWorks	See Placement Tab in DegreeWorks	See Placement Tab in DegreeWorks	See Placement Tab in DegreeWorks	See Placement Tab in DegreeWorks	See Placement Tab in DegreeWorks	See Placement Tab in DegreeWorks

\* Indicates the class is being taught through Gallatin College

Revised: 6/11/2022





# Math

- If you are unhappy with your math placement from test scores, please take the EdReady Initial math placement assessment.
  - There is an opportunity to take the assessment today between 9am and 12:30pm in Roberts Hall or on your own time after Orientation. You can study-up on EdReady until August 13th. The earlier the better. The earlier the better.
- The math placement on your RAWR does not specify which math you need for your major. Please use the handouts to determine what math course you should register for.
- If you are waiting for AP test scores, please register for the math course you have initially placed in. You will have the opportunity to register for a different course once scores have come in.
- If you have dual-enrollment transcripts already received by MSU, but not processed in your math placement, you will have the opportunity during Registration tomorrow to speak with a representative to allow you to register for a higher-level math.



# Need to reach 15 credits or want to explore?

- 1-credit ACT classes such as yoga, circuit training, or bowling
- AGSC 101 – Introduction to Agricultural and Environmental Resources
  - 1 credit, fall-only course
  - Introduction to the different Ag. Departments and some study/college skills
- WILD 201– Introduction to Fish and Wildlife
  - 1 credit, fall-only course
  - Introduction to the different careers and pathways within Fish and Wildlife
- BIOM 101 – Careers in Microbiology
  - 1 credit, fall-only course
  - Introduction to the different careers and pathways within Microbiology
- BIOB 105CS – Introduction to Biotechnology
  - 3 credit, fall-only course.
  - Introduction to biotechnology as a lecture series



# Need to reach 15 credits or want to explore?

- BIOB 100 – Organism Function
  - 3 credits
  - Examine biological origins and diversity of life. Topics include form, function, adaptation, biomes, photosynthesis, nutrition, immunity, biodiversity, and ecological relationships.
- ECHM 205 – Energy and Sustainability
  - 3 credits
  - Introduction to renewable and non-renewable energy sources and energy conversion systems. Students will formulate strategies to address energy related issues. Taught by engineering faculty.



# Need to reach 15 credits or want to explore?

- ACT (1 cr) courses such as yoga, circuit training, bowling
- AGSC 101 (1 cr) - Introduction to Agricultural and Env. Resources
- BIOM 101 (1 cr) - Careers in Microbiology
- WILD 201 (1 cr) - Introduction to Fish and Wildlife
- BIOB 100 (3 cr) - Organism Function
- BIOB 105 (3 cr) – Introduction to Biotechnology
- ECHM 205 (3 cr) - Energy and Sustainability



# Before you leave...



- Have all your questions answered
- Choose 2-3 specific CORE courses and/or planned backup classes
- Have your plan checked by an advisor & take a picture
- Return your Academic Planning Worksheet
- Take a treat! You did great!

